



IP44 Sensor Specs  
Ambient brightness: 5LUX±5 - 2000LUX  
Lighting Delay: 10s±5s - 10min±2min  
Detection Distance: 4m - 8m±2m  
Detecting Angle: 120°



# Nano EVO LED Sensor Floodlight

## 20W

### Applications:

Residential and  
Commercial Applications.

- Driver on board technology allowing for an ultra-lightweight, compact design with minimal aesthetic impact.
- Thermally tested aluminium fins providing as a heat sink.
- Die Cast Aluminium body, powder coated black with 316 Stainless Steel bolts and screws.
- All our Nano EVO Range LED Floods come complete with a 1m installation cable.
- DC12V Nano flood available in 20W
- Save up to 80% off your electrical bill as oppose to your HID lamps.
- Increase your safety with it's excellent light output and clarity.
- Easy to install 20° smart bracket.

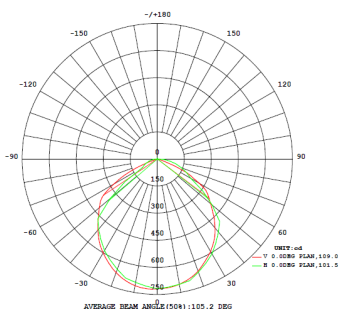
### Product Performance

<b>Wattage</b>	20W
<b>Colour Temperature &amp; Stock Code</b>	6000K - <b>F4022S</b>
<b>Operating Temperature</b>	-35~45°C
<b>Life Span</b>	25000hrs
<b>IP Rating</b>	IP65   Sensor IP44
<b>LED Driver Brand</b>	DOB
<b>Beam Angle</b>	120°
<b>Impact Protection Grade</b>	IK07
<b>Input Voltage</b>	200-260V
<b>Surge Protection</b>	3kV
<b>Power Factor</b>	0.9
<b>CRI</b>	>83
<b>Lumen Output</b>	2 000
<b>Lumen Efficiency</b>	100 LM/W
<b>LED Chips</b>	2835 Sanan
<b>LED Chips Qty</b>	36
<b>Dimmable</b>	Non-Dimmable
<b>Dimmable Range</b>	-
<b>(Dali/Trailing/Leading)</b>	-

### Physical Characteristics

<b>Weight (g)</b>	410
<b>Housing Material</b>	Die-cast Aluminium
<b>Product Dimensions (mm)</b>	H 105 x L 49 x W 139
<b>Cable Length</b>	100cm
<b>Mounting Option</b>	Surface
<b>Bracket Material</b>	Stainless Steel
<b>Bolts and Screws</b>	Stainless Steel

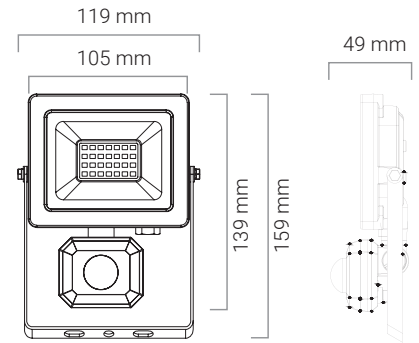
## Luminous Intensity Distribution Diagram



## Packaging



## Dimension Drawing



## Technical Parameters

Input Current	90mA
Output Voltage	216
Flicker Free (Y/N)	No
Humidity	-20~45°C
Frequency	50hz
In Rush Current	140A
Output Current	76mA
THD	<15%
TA & TC	TA=85 /TC=80
IES (Yes or No)	Yes

## Regulatory Qualifications

Class Rating	Class I
Energy Efficiency	A
Certification	CE, EMC, ErP, IEC60598

## Accessories

### Optional accessories

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## Packaging info

Storage Temp	-20~40°C
Carton Size (mm)	37.5*32*35
QTY/CTN	30
Net Weight	12,5
Gross Weight	13,7